C L A I M S

1. Mobile radio terminal equipment radio-connected to a plurality of radio base stations connectable to a communication network by a CDMA (Code Division Multiple Access) system to allow communications with a communication station on the communication network, comprising:

two antennas;

antenna selection means for selecting one of the two antennas as an antenna for use; and

handoff control means for switching an antenna currently selected by the antenna selection means to a remaining antenna to receive a signal when a handoff condition is met in an incoming-call standby mode and then switching the remaining antenna to the original antenna to perform handoff processing again when a further handoff condition is met.

2. Mobile radio terminal equipment radio-connected to a plurality of radio base stations connectable to a communication network by a CDMA (Code Division Multiple Access) system to allow communications with a communication station on the communication network, comprising:

two antennas;

antenna selection means for selecting one of the two antennas as an antenna for use; and

handoff control means for switching an antenna

currently selected by the antenna selection means to a remaining antenna to receive a signal when a handoff condition is met in a communications mode and then switching the remaining antenna to the original antenna to perform handoff processing again when a further handoff condition is met.

3. The mobile radio terminal equipment according to one of claims 1 and 2, wherein one of the two antennas is an antenna capable of transmitting and receiving a signal, and other thereof is an antenna for receiving a signal.

4. Mobile radio terminal equipment radio-connected to a plurality of radio base stations connectable to a communication network by a CDMA (Code Division Multiple Access) system to allow communications with a communication station on the communication network, comprising:

a first antenna capable of transmitting and receiving a signal;

a second antenna used for receiving a signal; and

reception means for converting a signal received by the second antenna into an intermediate-frequency signal and then delaying the intermediate-frequency signal, synthesizing the delayed signal and an intermediate-frequency signal into which a signal received by the first antenna is converted, and performing Rake reception using a synthetic result for

demodulation.

5. The mobile radio terminal equipment according to claim 4, wherein the equipment further comprises signal evaluation means for monitoring a demodulation result of the reception means and obtaining contribution of each of the signals received by the first and second antennas to the demodulation result, and the reception means demodulates only the signal whose contribution is greater when a difference in the contribution between the signals obtained by the signal evaluation means is equal to or larger than a first reference value.

6. The mobile radio terminal equipment according to claim 4, wherein the equipment further comprises signal evaluation means for monitoring a demodulation result of the reception means and obtaining contribution of each of the signals received by the first and second antennas to the demodulation result, and the reception means converts the signal received by the second antenna into an intermediate-frequency signal, delays the intermediate-frequency signal, synthesizes the delayed signal and an intermediate-frequency signal into which the signal received by the first antenna is converted, and continuously performs Rake reception using a synthetic result, when the contributions of the signals obtained by the signal evaluation means are both smaller than a second reference value.